

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Complete if known

Application Number	10/540,828	Conf. No. 2251
Filing Date	December 23, 2003	
First Named Inventor	Ronan C. O' Hagan et al.	
Art Unit	Not Yet Assigned	
Examiner Name	Not Yet Assigned	
Attorney Docket Number	AV 5 US	

U.S. PATENT DOCUMENTS

Examiner initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		4,736,866	04/12/88	Leder et al.	
		5,919,997	07/06/99	Beach et al.	
		US2002/0086356 A1	07/04/02	Tuschi et al.	

FOREIGN PATENT DOCUMENTS

Examiner initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T o
		WO 99/32619	07/01/99	Carnegie Institute of Washington		
		WO 99/53050	10/21/99	Common Health Scientific and Industrial Research Organization		
		WO 01/09308	02/08/01	Dan-Farber Cancer Institute Inc.		
		WO 01/29058	04/26/01	University of Massachusetts		
		WO 01/36646	05/25/01	Cancer Research Campaign Technology Limited		
		WO 01/68836	09/20/01	Genetica, Inc.; and Cold Spring Harbor Laboratory		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if known	
				Application Number	10/540,828 Conf. No. 2251
				Filing Date	December 23, 2003
				First Named Inventor	Ronan C. O' Hagan et al.
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	3	Attorney Docket Number	AV 5 US

FOREIGN PATENT DOCUMENTS						
Examiner initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS			
Examiner initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Arts <i>et al.</i> , "Adenoviral vectors expressing siRNAs for discovery and validation of gene function," <i>Genome Research</i> , 13, pp. 2325-2332 (2003)	
		Brummelkamp <i>et al.</i> , "A system for stable expression of short interfering RNAs in mammalian cells," <i>Science</i> , 296, pp. 550-553 (2002)	
		Camper and Tilghman, "Postnatal repression of the α -fetoprotein gene is enhancer independent," <i>Genes Dev.</i> , 3, pp. 537-546 (1989)	
		Chin <i>et al.</i> , "Cooperative effects of <i>INK4a</i> and <i>ras</i> in melanoma susceptibility <i>in vivo</i> ," <i>Genes Devel.</i> , 11, pp. 2822-34 (1997)	
		Davies <i>et al.</i> , "Mutations of the BRAF gene in human cancer," <i>Nature</i> , 417, pp. 949-54 (2002)	
		Edlund <i>et al.</i> , "Cell-specific expression of the rat insulin gene: evidence for role of two distinct 5' flanking element," <i>Science</i> , 230, pp. 912-916 (1985)	
		Elbashir <i>et al.</i> , "Analysis of gene function in somatic mammalian cells using small interfering RNAs," <i>Methods</i> , 26, pp. 199-213 (2002)	
		Hannon, "RNA interference," <i>Nature</i> , 418, pp. 244-251 (2002)	
		Kessel and Gruss, "Murine Development control genes," <i>Science</i> , 249, pp. 374-379 (1990)	
		Kumar <i>et al.</i> , "High-throughput selection of effective RNAi probes for gene silencing," 13, pp. 2333-2340 (2003)	
		McManus and Sharp, "Gene silencing in mammals by small interfering RNAs," <i>Nature Reviews</i> , 3, pp. 737-747 (2002)	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if known	
		Application Number	10/540,828 Conf. No. 2251
		Filing Date	December 23, 2003
		First Named Inventor	Ronan C. O' Hagan et al.
		Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
Sheet 3 of 3	Attorney Docket Number	AV 5 US	

NON PATENT LITERATURE DOCUMENTS			
Examiner initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Tuschi, "Expanding small RNA interference," <i>Nature Biotechnology</i> , 20, pp. 446-448 (2002)	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.